

**COST ESTIMATE
STATEMENT OF WORK ADDENDUM
AERIAL RADIOLOGICAL SURVEY
POLK AND HILLSBOROUGH COUNTY, FLORIDA
JANUARY 2005**

Task 1 -Summary and Analysis of State Data - (\$60,500¹)

- Procurement of data (40hrs);
- Scanning/Coping of file/data (60hrs);
- Review & Analysis of Data (160hrs);
- Correlation of State data to survey area (150hrs)
- Generation of a written summary report and map(s) that denotes the survey locations relative to EPA's future survey area (200hrs);
- Meeting w/EPA to present Draft Report and impacts this data may have on EPA's radiation survey plans (120hrs);
- Submittal of 15 copies of the summary report (30hrs).
- Travel - One trip/2 people to TPA to procure data (\$3000)
- Travel - One trip/3 people to ATL to present results/discuss (\$4500)

Task 2 -Completion of Survey Work in Fiscal Year 2005 (\$169,500)

- False Starts in April and May 2004 (300hrs)
- Two technical planning meetings (160hrs)
- Two Site Reconnaissance/Logistical Planning Site Visits (160hrs)
- Community Involvement Planning Meeting (60hrs)
- Web Site Planning Meeting (60hrs)
- Web Site Development BN/RSL Technical Support (100hrs)
- Revision/Update of Work Plan (200hrs)
- Increased LOE for data reduction/statistical analysis and reporting (300hrs)
- Projected 6% escalation in costs from FY04 to FY05 (\$10,000)
- Travel - Two trips 4/people ATL for technical planning (\$12,000)
- Travel - Two reconnaissance trips, 2/people to TPA (\$6,000)
- Travel - Community Involvement Planning Meeting 3/people to Atl., GA (\$4500)
- Travel - Web Site Planning Meeting 2/people to ATL (\$3000)

Task 3 -Survey of CERCLIS Sites (\$500,000)

- Analysis of Potential Impacts on budget, scope, and schedule (100hrs)
- Preparation of Survey Area Map (100hrs)
- Work Plan, QA/QC, and Safety Plan Amendments (200hrs)
- Aerial Survey Labor for 700mi² survey - 6 people for 20 days (1200hrs)
- Direct Costs (Helicopter/fuel/hanger space/maintenance/security) (\$210,200)
- Planning and Mobilization (300hrs)
- Data Reduction, Statistical Analysis and Report Preparation (500hrs)
- Travel - 6 people 20 days in TPA - (\$36,000)
- Contingency 5% - (\$22,800)



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Task 4 - Formal Aerial Radiological Report (<\$100,000>)

Upon implementation of the DOE IAG, evaluation of long-term project management needs, and initiation of the Phase 2 Work Plan, it was decided that RSL's support would conclude with the completion of submission of the data from the aerial radiological survey. Argonne National Laboratory will still be responsible for preparing a formal report, but the work will be performed under new IAG that will support Phase 2. Therefore, the IAG budget is decreased by the original report preparation budget of \$100,000.

Total Estimated Costs - \$630,000

Notes: 1) Costs are based on a loaded rate of 100.00/hr of LOE plus travel costs.